

Date: Sun, 24 Oct 93 22:39:30 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1264
To: Info-Hams

Info-Hams Digest Sun, 24 Oct 93 Volume 93 : Issue 1264

Today's Topics:

ANS-296 BULLETINS

Daily Solar Geophysical Data Broadcast for 23 October
Daily Solar Geophysical Data Broadcast for 24 October
GAY INTERNATIONAL HAM RADIO CLUB (2 msgs)
HT recommendation
Internet address of VOA, BBC ???
New in San Francisco (2 msgs)
Oacket
Ohio/Penn DX Bulletin #132
RACES Bulletin #297
SAREX Keps & Ops Status 10/24/93

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 25 Oct 93 00:35:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-296 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-296.01
STS-58 SAREX MISSION INFO

HR AMSAT NEWS SERVICE BULLETIN 296.01 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 23, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-296.01

STS-58 Makes A Picture Perfect Lift-Off; SAREX Operations Begin

The STS-58 Shuttle Amateur Radio Experiment (SAREX) mission began this past week with a "picture-perfect" lift-off on Monday, 18-OCT-93 at 14:53:10 UTC. On this particular SAREX mission the amateur radio station consists of a 2M FM transceiver and a packet radio TNC. To log the packet station contacts, the SAREX payload also includes a laptop computer. In addition to school contacts, there the packet station will be in operation for unattended "robot" packet contacts. For radio amateurs who make or hear the SAREX station, you are invited to send a QSL card to confirm a packet or voice contact or a SWL report. Send your QSL card to the following address:

ARRL, STS-58 QSL
225 Main Street
Newington, CT
06111

Please allow for up to 6-10 months for the STS-58 SAREX Mission QSL card to be mailed. Please include with your QSL card all the specific QSO information such as, date, time, mode, frequency, etc. Also, and most importantly, if you wish to receive a QSL card confirming a contact, YOU MUST INCLUDE A SELF-ADDRESS-STAMPED-ENVELOPE (SASE) WITH PROPER POSTAGE! If you do not include a SASE, you will not receive a QSL card.

The following information includes the latest keplerian elements and SAREX frequencies.

STS-58

1	22869U	93 65	A	93296.93203712	.00108994	00000-0	20250-3	0	114
2	22869	39.0185		93.7039	0015567	16.4294	343.6980	15.99752782	868

Satellite: STS-58

Catalog number: 22869

Epoch time: 93296.93203712 (23 OCT 93 22:22:08.00 UTC)

Element set: 011

Inclination: 39.0185 deg

RA of node: 93.7039 deg Space Shuttle Flight STS-58

Eccentricity: .0015567 Keplerian Element set JSC-011

Arg of perigee: 16.4294 deg from NASA flight Day 6 vector

Mean anomaly: 343.6980 deg

Mean motion: 15.99752782 rev/day Gil Carman, WA5NOM

Decay rate: 1.08994e-03 rev/day^2 NASA Johnson Space Center

Epoch rev: 86

Checksum: 345

STS-58 Shuttle Amateur Radio Experiment (SAREX) Information Sheet:

Mission: STS-58 Space Shuttle Columbia
Spacelab Life Sciences-2 (SLS-2) Mission

Launch: 18-OCT-1993, 14:53:10.06 UTC

Orbit: 39 degrees orbital inclination

Mission Length: 14 days (Nominal); Return 01-NOV-93 11:26:10 UTC

Amateur Radio Operators: Bill McArthur (KC5ACR), Marty Fettman (KC5AXA), Rick Searfoss, (KC5CKM)

Modes: FM Voice
Prime callsign KC5ACR

Packet Radio
Callsign W5RRR-1

Frequencies: All operations in split mode. Do not transmit on the downlink frequency.

Voice Freqs: Downlink: 145.55 MHz (Worldwide)
Uplinks: 144.91, 144.93, 144.95, 144.97, 144.99 MHz
(Except Europe)
144.70, 144.75, 144.80 MHz (Europe only)

Note: The crew will not favor any specific uplink frequency, so your ability to work the crew will be the "luck of the draw."

Packet Freqs: Downlink: 145.55 MHz
Uplink: 144.49 MHz

Info: Goddard Amateur Radio Club, WA3NAN, Greenbelt Maryland,
SAREX Bulletins and Shuttle Retransmissions
3.860 MHz, 7.185 MHz, 14.295 MHz, 21.395 MHz, 28.650 MHz
and 147.450 MHz (FM)

Johnson Space Center ARC, W5RRR, Houston, Texas
SAREX Bulletins 7.225 MHz, 14.280 MHz, 21.395 MHz,
28.650 MHz, (SSB) and 146.64 MHz (FM)

ARRL Amateur Radio Station, W1AW, Newington, CT
SAREX News Bulletins

3.990 MHz, 7.290 MHz, 14.290 MHz, 18.160 MHz, 21.390 MHz

[The AMSAT News Service (ANS) would like to thank Frank Bauer (KA3HDO) for this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-296.02
A0-21 NEW VOICE MESSAGE

HR AMSAT NEWS SERVICE BULLETIN 296.02 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 23, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-296.02

A0-21 Has A New Vovie Message

RUDAK/A0-21 is transmitting a new series of Voice Broadcast until about middle of November. The Digi-Voice Messages will be transmitted in several languages, including German, Spanish, English, Russian and French. There is currently also a greetings message broadcastet in Czech language.

FM-Mode is also in use, and likewise the 1200 Baud AX.25 AFSK telemetry. The telemetry includes bulletins with the current operating schedule. New transmitting modes are scheduled starting end of November, so please stay tuned on A0-21. Look for A0-21's voice message on a downlink frequency of 145.987 MHz.

[The AMSAT News Service (ANS) would like to thank DB2OS for the information which went into this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-296.03
AMSAT OPS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 296.03 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 23, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-296.03

Current AMSAT Operations Net Schedule For A0-13

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on A0-13 on a downlink frequency of 145.950 MHz. If, at the start of the OPS Net, the frequency of 145.950 MHz is being used for a QSO, OPS Net enthusiasts are asked to move to the alternate frequency of 145.955 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
30-Oct-93	1300	B	62	W5IU	WB6LL0
13-Nov-93	1230	B	146	VE2LVC	W5IU
28-Nov-93	0230	B	39	WJ9F	VE2LVC

Any stations with information on current events would be most welcomed. Also, those interested in discussing technical issues or who have questions about any particular aspect of OSCAR satellite operations, are encouraged to join the OPS Nets. In the unlikely event that either the Net Control Station (NCS) or the alternate do not call on frequency, any participant is invited to act as the NCS.

Slow Scan Television on A0-13

SSTV sessions will be held on immediately after the OPS Nets a downlink on a Mode-B downlink frequency 145.960 MHz.

/EX

SB SAT @ AMSAT \$ANS-296.04

WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 296.04 FROM AMSAT HQ
 SILVER SPRING, MD OCTOBER 23, 1993
 TO ALL RADIO AMATEURS BT
 BID: \$ANS-296.04

Weekly OSCAR Status Reports: 23-OCT-93

A0-13: Current Transponder Operating Schedule:

M QST *** A0-13 TRANSPONDER SCHEDULE *** 1993 Oct 25-Nov 15

Mode-B : MA 0 to MA 130 !

Mode-BS : MA 130 to MA 180 !

Mode-S : MA 180 to MA 205 !<- S transponder; B trsp. is OFF

Mode-S : MA 205 to MA 210 !<- S beacon only

Mode-BS : MA 210 to MA 226 ! Blon/Blat 210/0

Omnis : MA 240 to MA 80 ! Move to attitude 240/0, Nov 15

Please don't uplink to Mode-B between MA 180-205 as this interferes with Mode-S transponder operations. Reorientation from Attitude 180/0 to 210/0:

A magnetorque will be initiated on Orbit #4105 MA 224 [Oct 24 @ 03:48 UTC] and will be executed over 4 perigees, completing on Orbit #4109 MA 32 [Oct 25 @ 17:00 UTC]. The new schedule, as per M-block, will be invoked Orbit #4109 MA 140, and thus that orbit (only) will contain two Mode-S sessions. Continuous up-to-date information about A0-13 operations is always available on the beacons at 145.812 MHz and 2400.646 MHz in CW, RTTY and 400 bps PSK. Also, these bulletins are also posted to INTERNET, ANS bulletins,

Packet, PACSATs, as well as many international newsletters.
[G3RUH/DB2OS/VK5AGR]

A0-16: Operating normally. [WH6I]

U0-22: Operating normally. [WH6I]

L0-19: Operating normally with new software, that is, the same PB/PG as
A0-16/U0-22/KITSATs. [WH6I]

K0-23: Up and running. Busy as usual. The images are no longer
available.

A0-27: Checkout and experimentation continues with the amateur side of A0-27. For the next several days the 9600 FM downlink will be turned on while the satellite is in view of the command station (N4TPY/N4USI/KA1LM) near Washington, DC. Appropriately equipped amateurs are encouraged to observe the eye pattern of the 9600 baud signal and report results to Mike Wyrick (N4USI) at "wyrick@interf.com" or Steve Greene (KA1LM) at "ka1lm@amsat.org." Methods of adding de-emphasis to level the amplitude of the data "tones" while receiving the signal directly from the discriminator of the receiver are of particular interest. The downlink frequency for the 9600 data rate is about 4 KHz lower than when the 1200 baud data rate is in use (436.800 MHz). Please report all results to Mike or Steve only.
PLEASE DO NOT TRANSMIT TO THE SATELLITE AS YOU MAY INTERFERE WITH ONGOING
TESTING AND CHECKOUT! [KB2BD & WD0E]

K0-25: The file system is up and running but not open for uploads.

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: 24 Oct 93 23:50:54 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 23 October
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 296, 10/23/93
10.7 FLUX=092.2 90-AVG=095 SSN=090 BKI=1341 3232 BAI=011
BGND-XRAY=A9.9 FLU1=1.5E+06 FLU10=1.1E+04 PKI=2342 2232 PAI=010
BOU-DEV=008,027,047,008,027,019,021,010 DEV-AVG=020 NT SWF=00:000
XRAY-MAX= B6.5 @ 2156UT XRAY-MIN= A9.1 @ 2049UT XRAY-AVG= B1.3
NEUTN-MAX= +001% @ 1355UT NEUTN-MIN= -003% @ 0355UT NEUTN-AVG= -0.7%
PCA-MAX= +0.0DB @ 1510UT PCA-MIN= -0.7DB @ 1150UT PCA-AVG= -0.0DB
BOUTF-MAX=55361NT @ 1336UT BOUTF-MIN=55345NT @ 1747UT BOUTF-AVG=55355NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+068,+000,+000
GOES6-MAX=P:+126NT@ 1916UT GOES6-MIN=N:-075NT@ 0732UT G6-AVG=+088,+016,-037
FLUXFCST=STD:095,100,100;SESC:095,100,100 BAI/PAI-FCST=015,020,015/010,018,012
KFCST=2225 4222 3225 4233 27DAY-AP=010,008 27DAY-KP=2333 2122 3323 2221
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 22 OCT 93 was 45.0.
The Full Kp Indices for 22 OCT 93 are: 4- 3o 3o 2- 2- 3- 3- 2o

Date: 25 Oct 93 03:44:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 24 October
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 297, 10/24/93
10.7 FLUX=092 90-AVG=094 SSN=064 BKI=4211 1111 BAI=006
BGND-XRAY=A8.5 FLU1=3.2E+05 FLU10=1.0E+04 PKI=4222 1221 PAI=009
BOU-DEV=054,015,007,007,007,009,007,008 DEV-AVG=014 NT SWF=00:000
XRAY-MAX= C2.2 @ 0504UT XRAY-MIN= A7.8 @ 1253UT XRAY-AVG= B1.4
NEUTN-MAX= +000% @ 2345UT NEUTN-MIN= -005% @ 0725UT NEUTN-AVG= -1.5%
PCA-MAX= +0.3DB @ 1255UT PCA-MIN= -0.5DB @ 1630UT PCA-AVG= -0.0DB
BOUTF-MAX=55366NT @ 0139UT BOUTF-MIN=55337NT @ 1725UT BOUTF-AVG=55353NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+059,+000,+000
GOES6-MAX=P:+114NT@ 1858UT GOES6-MIN=N:-065NT@ 1219UT G6-AVG=+081,+018,-041
FLUXFCST=STD:095,095,095;SESC:095,095,095 BAI/PAI-FCST=020,015,010/018,012,015
KFCST=3225 4233 1115 4111 27DAY-AP=008,007 27DAY-KP=3323 2221 1113 2232
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 23 OCT 93 was 42.0.
The Full Kp Indices for 23 OCT 93 are not available.

Date: Mon, 25 Oct 1993 01:11:38 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
paladin.american.edu!darwin.sura.net!news-feed-1.peachnet.edu!umn.edu!csus.edu!
netcom.com!greg@network.ucsd.edu
Subject: GAY INTERNATIONAL HAM RADIO CLUB
To: info-hams@ucsd.edu

In article <dbledsoeCFC8xD.29w@netcom.com> dbledsoe@netcom.com (Donnelly R.
Bledsoe) writes:

>
>YES! In fact, LARC has straight couples who belong. We do not
>discriminate, but we do ask our members to be tolerant of each other ...
>in other words, no bashing or trashing allowed.

Gee, I guess LARC members aren't allowed to discuss the code requirement
then :-(

Greg

Date: Mon, 25 Oct 1993 02:24:25 GMT
From: csus.edu!netcom.com!netcom!faunt@decwrl.dec.com
Subject: GAY INTERNATIONAL HAM RADIO CLUB
To: info-hams@ucsd.edu

I asked George Wilson, W4OYI, the president of ARRL about this at a
small forum with him at Pacificon, with Chris Imlay, the ARRL General
Counsel present, about this, this weekend.

He said that the only reason the ad is not currently in QST is that
LARC has not resubmitted the ad since the Board explicitly stated the
policy that would result in the ad being accepted and printed.

Apparently the complaint is still active in CT. If the ARRL has made
this movement towards conciliation, why hasn't LARC responded, by
placing the ad, and dropping the complaint?

curious,
73, doug

Date: 25 Oct 1993 00:20:47 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
vassili@network.ucsd.edu
Subject: HT recommendation
To: info-hams@ucsd.edu

Stephen C. Trier (trier@odin.ins.cwru.edu) wrote:

: >3. Could you suggest a 2M HT that has CTCSS/DTMF/DTMF tone

```
: >squench functions?  
...  
: older models because they might lack these. DTMF squelch and paging is  
: more unusual. Only the fancier radios have this right now, but it's  
One *especially* fancy and "expensive" radio is Realistic HTX-202 from  
Radio Shack (Hint - buy it by mail, say from 800-231-3680) :-) :-)
```

Vassili, N2WID

```
Date: Mon, 25 Oct 1993 00:30:44 +0000  
From: dog.ee.lbl.gov!agate!doc.ic.ac.uk!uknet!demon!nowster.demon.co.uk!  
pm@network.ucsd.edu  
Subject: Internet address of VOA, BBC ???  
To: info-hams@ucsd.edu
```

In article <pschleck.751482672@cwis> pschleck@cwis.unomaha.edu writes:

```
>In <9310240940.utk1412@FAB8.intel.com> RHAREL@FAB8.INTel.COM (RICHARD HAREL)  
> writes:  
>  
>>Anyone know if the VOA or BBC or other major government braodcasting  
>>agencies are on the internet ?  
>  
>Are you familiar with the Network Information Center? It's a great  
>resource if you've got a direct connection to the Internet. Here is my  
>query session for VOA and BBC:
```

The BBC department unearthed here is concerned with Engineering and R&D.
They are nothing to do with programme making.

Please don't bug them.

```
--  
Paul Martin <pm@nowster.demon.co.uk>  
...!uunet!demon!nowster!pm  
[PGP 2.3 public key available]
```

```
Date: Mon, 25 Oct 1993 00:12:55 GMT  
From: csus.edu!netcom.com!jfh@decwrl.dec.com  
Subject: New in San Francisco  
To: info-hams@ucsd.edu
```

msattler@netcom.com (Michael Sattler) wrote:

>Hello all. I just bought a 2 meter hand-held Kenwood for my
>search and rescue work, but I found a whole new world out
>in ham-land! Could any knowledgeable hams in the SF Bay Area
>please help this newbie out? Repeaters, freqs, meets, etc.

The major ham radio club in San Francisco is the San Francisco Amateur Radio Club. They have a 2-meter repeater on 145.15; antennas are at the VA Hospital, the Red Cross Building, and on San Bruno Mountain. There's a general net which plays the Amateur Radio Newsline on Mondays at 8; there's also an ARES emergency communications net on Wednesdays at 8. SFARC meetings are at the VA Hospital one Friday a month; I don't remember which one, but SFARC is in the phone book and has an answering machine.

There are several repeaters on Mount Diablo and on other East Bay hills. You can buy a copy of the ARRL repeater handbook at Ham Radio Outlet in Oakland or Sunnyvale. You can probably get a list of nets all around the country from the new ARRL ftp site; if not, it's available on the ARRL bulletin board.

Lucker Hurder periodically posts announcements about freebies available from the ARRL; take him up on his offer.

What search and rescue outfit are you associated with, and what frequencies do they use?

--

Jack Hamilton POB 281107 SF CA 94128 USA
jfh@netcom.com kd6ttl@w6pw.#nocal.ca.us.na

Date: Mon, 25 Oct 1993 02:45:35 GMT
From: csus.edu!netcom.com!msattler@decwrl.dec.com
Subject: New in San Francisco
To: info-hams@ucsd.edu

Jack Hamilton (jfh@netcom.com) wrote:

: The major ham radio club in San Francisco is the San Francisco Amateur
: Radio Club. They have a 2-meter repeater on 145.15; antennas are at the VA
thx.

: Lucker Hurder periodically posts announcements about freebies available
: from the ARRL; take him up on his offer.

I already have, his posts are pretty enticing.

: What search and rescue outfit are you associated with, and what frequencies
: do they use?

I'm associated with the Bay Area Mountain Rescue Unit (BAMRU). When a list falls into my hands I'll pass it on, tho I guess it's the same as all orgs that work with/under the Calif Office of Emerg Services.

--

Michael S. Sattler msattler@netcom.com +1 (415) 621-2903
Digital Jungle Software Encrypt now; ask me how. (finger for PGP key)

All that is required for evil to triumph is
for {wo}men of good will to do nothing.

Date: Sat, 23 Oct 1993 23:31:51 -0600
From: overload.lbl.gov!agate!howland.reston.ans.net!paladin.american.edu!
darwin.sura.net!news-feed-1.peachnet.edu!news-feed-2.peachnet.edu!umn.edu!
kksys.com!edgar!tdkt!FredGate@@dog.ee.lbl.gov
Subject: Oacket
To: info-hams@ucsd.edu

Hi John, I'm looking for the latest version of the KAM.
I have one, but it has version 2.85 software. Do you know
what is the latest one? Also, whats a good packet software for
the IBM? i have always used a terminal, but now have
connected the PC to the TNC. I hear that hostmaster is LK,
but don't really know what's out there. Can U recommend one?
TAnx and CUL,

.....Bill, K0JXP

* Origin: HAM>link< RBBS 612/HAM-0000 Saint Paul, MN [K0TG] (1:282/100)

Date: Sun, 24 Oct 1993 13:52:24 MDT
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!nntp.cs.ubc.ca!alberta!ugc!
nebulus!ve6mgs!usenet@network.
Subject: Ohio/Penn DX Bulletin #132
To: info-hams@ucsd.edu

SB DX @ ALLBBS \$OPDX.132
Ohio/Penn DX Bulletin No. 132

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 132
BID: \$OPDX.132
October 25, 1993
Editor Tedd Mirigliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DF4RD, DL7VEE & DXNL, OH6DO, ON4ACG, VS6WO, K4CEF & Southeastern Cluster Group, AA2U, WD3Q, AH6MM/6, WN4KKN/6, WA2TMP/7, NW8F and W8CZN for the following DX information.

40 METER (MAGNOLIA DX NET). Guy informed OPDX that the start of this 40 meter net will be delayed 2 to 3 weeks. The reason for the delay is that his 40 meter antenna is down and he is working on a new system. He hopes (depending on the weather) to be operational at least in two weeks.

8R, GUYANA. Marko, OH6DO/AB6NJ, will be active in the CQ WW DX SSB Contest as 8R1K operating as Single Op/Multi Band. QSLs for this operation only go to OH1VL (QSLs for the 8R1K 1991 CQ WW DX CW Contest go only to OH2BH). Olli, OH0XX, plans to operate in CQ WW DX CW Contest from 8R1K as Single Op/Multi Band. QSL this operation and all other operations of 8R1K and 8R1RPN to OH0XX/W4 (W4 QTH was not supplied, but we will report it when known.)

9K, KUWAIT. Ray, W8CNL, who is the QSL Manager for 9K2ZZ, states that this will probably be Bob's (9K2ZZ) last winter from 9K. This winter Bob will be looking for QSOs with N.A., especially on the lower bands, 160-40 meters, all modes and especially on CW. It was reported that Bob will go to RTTY on request.

9N, NEPAL. Jerry/UT4UZ and Andy/UB4LRQ will try to be active from October 17-29 on CW, SSB and RTTY. QSL via PA3BUD or UB5-bureau.

9U, BURUNDI. DJ6SI, DL6KCD and DJ6JC are now QRTed as of October 16th as 9U5DX. Let's hope this is not the last operation from here. As of October 21st, this small mountainous country (about the size of New Hampshire), had a military coup that seized their President and some of his Cabinet Ministers.

BY, CHINA. It has been reported that BY1QH has installed a 2 element 40 meter beam. Tom, WB4IUX, has urged them to listen for North Americans beginning around 1030z. Meanwhile, there was a report of activity on 7008 kHz around 1420z.

EA9, CEUTA AND MELILLA. Operators OH2MM, WN4KKN, N6TJ, W6MKB, W6QHS, KK6QM, N6KT and K5TSQ will be active as EA9UK in the CQ WW DX SSB Contest. QSL via EA9LZ.

J5, GUINEA-BISSAU. Cecil, NW8F, the QSL Manager for Mark, J5UAI, states Mark will be leaving soon and will not be returning to J5-land. This leaves only two operators in the country (a YL and another with rig problem). Mark has been heard lately on 10101 kHz at 0107z, 18090 kHz at 1940z, 24898 kHz at 1629z and 14222 kHz at 2356z. His next stop may be either 6Y5 or 8P6.

OJ0, MARKET REEF. As reported in OPDX.130 the club group of OH1AF will try to activate this one from October 29th to November 1st (weather permitting), during the CQ WW SSB Contest. Since this last report, Timo, OH1NOA, has reported to OPDX that the special call sign of OJ0M (that was to be used during the contest) has been changed to OJ0/OH0M. The call sign outside the contest will be OJ0/OH1AF. (Refer to OPDX.130 for more details.) OH1AF/OJ0 made some 19,000 QSOs last year. QSL OJ0/OH0M to OH1NOA and for OJ0/OH1AF to OH1MRR.

Seppo, OH1VR, is planning to be active during the CQ WW DX CW Contest using the possible call sign of OJ0MMM or OJ0/OH1VR. More details to follow.

P29, PAPUA NEW GUINEA. Eric, WD3Q, informs OPDX that his December trip here has been delayed until January/February. Coordination with the group sponsoring this trip could not be arranged in time.

P4, ARUBA. Randy, AA2U, will be active in the CQ WW DX SSB Contest as a QRP entry using the call sign P4OC. He will be on CW QRP before the contest and will try to be active on WARC bands. QSL via AA2U's CBA.

PJ9, NETHERLANDS ANTILLES. Seppo, OH1VR, will be operating as a single band entry (7 MHZ) in the CQ WW DX SSB Contest. His call sign during the contest will be PJ9U and outside the contest he will be operating mainly CW signing PJ2/OH1VR. Seppo will be there October 25 thru November 1. His goal is to try to set a new CQ WW SSB record, he now holds the CW record.

PZ, SURINAME. Marko, OH6DO/AB6NJ, will be active in the CQ WW DX CW Contest as Single Op/Multi Band or Single 14 or 21 MHz. He states that his call sign and QSL route is unknown at this time, but will be reported at a later date.

S2, BANGLADESH. Craig, KH8AL (ex WB7RFA), will be active before, during and after the CQ WW DX SSB Contest. He will request the call sign of S21ZAL upon his arrival. He expects to arrive on October 25th and hopes to be on the air the next day. Activity will last until November 2. Craig will be looking for East Coast and Caribbean stations on 7065

starting at 1100z and specifically during the East Coast sunrise. QSL via VK2DFL.

VQ9, CHAGOS. Dale, W4QM, now signing VQ9QM, operates frequently on 12 meters and has mentioned that he has up an antenna for 160 meters now. Dale has worked at least six USA stations on Saturday, October 16th. Due to his schedule, Saturday is probably the best day to try, and Dale promises to be on 1827 kHz and listen around 1833 kHz. The best times for him are 2100 to 0100Z.

VS6, HONG KONG. Steve, VS6W0, will be Multi/Multi from Zone 24 during the CQ WW DX SSB Contest. There will be five stations active with the following operators: 9V1YC, KJ4VH, OH0XX, VR2GO, VS6CT and VS6W0. This operation will take place from a single apartment with all antennas on the roof. Antennas that will be used: verticals for 160/80 and monoband yagis on 40/20/15/10. Steve states a multi/multi operation is also planned for the CQ WW DX CW Contest.

SPECIAL REPORT: Jerry, AA6BB/7, well known QSL manager for the VP8SSI South Sandwich DXpedition, and also for the upcoming Peter I Island DXpedition, has undergone open heart surgery last week due to an apparent heart attack that he had a week before. Both the DXers of the world and OPDX would like to send out our thoughts and prayers to Jerry for a speedy recovery.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EX

Date: 25 Oct 93 01:52:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #297
To: info-hams@ucsd.edu

Bid : \$RACESBUL.297

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CA (ALLCA: OFFICIAL)
ALL AMATEURS U.S. (@ USA: INFORMATION)
FROM: CA STATE OFFICE OF EMERGENCY SERVICES
(KH6GBX @ WA6NWE.CA)
2800 Meadowview Rd., Sacramento, CA 95832
(916)262-1600
Landline BBS open to all: (916) 262-1657

RACESBUL.297 DATE: Oct. 25, 1993

SUBJECT: MISC - Responders and their vehicles - Part 4/4

We should reiterate that we are talking about volunteers who are officially enrolled and who been authorized and dispatched by competent public safety authority to respond in the first place. We are talking about people who respond frequently. We are talking about people whose avocation is literally the authorized and regular response to an emergency. We are NOT talking about volunteers, albeit well intentioned, who simply show up on their own to offer to help out.

In some parts of the country various emergency vehicle lights or specialized equipment, signs, or magnetic door signs are authorized. Local practices, customs, and laws should be observed.

All equipment and out-of-pocket expenses associated with your volunteers' duties with your government agency, the Civil Air Patrol, the Red Cross and other disaster relief or public safety agencies may be tax deductible. Professional volunteer responders keep records for this purpose. All expenses associated with a response vehicle, prorated to the percentage of its use for the volunteer activities discussed, invariably greatly exceeds the per mile rate authorized by the IRS for undocumented costs. Such costs include the cost of the vehicle, insurance, gas, oil, maintenance, repairs, car washes, and specialized equipment. The latter includes communications equipment, signaling and warning devices, maps, safety equipment, uniforms and specialized turnout or response clothing, their cleaning, a radio pager, and any other specialized equipment or supplies required or recommended by your agency. It pays to keep records. Check with your CPA and one who is, preferably, familiar with nuts like us. Yes, there are some volunteers who can't afford to quit being a volunteer!

EOM

[Series authored by Stan Harter, KH6GBX. Bulletin Originated from W6WWW.#NOCAL.USA.NA .]

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races and can be retrieved using FTP.

Date: 25 Oct 93 02:41:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Keps & Ops Status 10/24/93
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-58.018
SAREX Keps & Ops Status 10/24/93

The outstanding success of the school contacts will provide a potential bonus for the general ham community. The SAREX team is currently working to change a planned backup school group pass into a scheduled general QSO pass. Although we cannot fully guarantee availability, there is a very high probability that the STS-58 crew will be ready and waiting to take general calls over the continental U.S on orbit 116. This will occur at an approximate mission elapsed time of 7 days 4 hours and 54 minutes or 13:47 MDT on Monday October 25. Please consult your orbit prediction program or recent rise-set times to determine when the Shuttle will be overhead in your area. Also, it should be noted that packet operations are expected to continue tonight through the astronaut sleep period.

Element set JSC-011, generated by Gil Carman, WA5NOM, and released yesterday, is still within 2 seconds of the current Orbiter state vector. Thus, no new elements will be released today. JSC-011 is provided below for those who do not have it.

STS-58
1 22869U 93 65 A 93296.93203712 .00108994 00000-0 20250-3 0 114
2 22869 39.0185 93.7039 0015567 16.4294 343.6980 15.99752782 868

Satellite: STS-58
Catalog number: 22869
Epoch time: 93296.93203712 (23 OCT 93 22:22:08.00 UTC)
Element set: 011
Inclination: 39.0185 deg
RA of node: 93.7039 deg Space Shuttle Flight STS-58
Eccentricity: .0015567 Keplerian Element set JSC-011
Arg of perigee: 16.4294 deg from NASA flight Day 6 vector
Mean anomaly: 343.6980 deg
Mean motion: 15.99752782 rev/day Gil Carman, WA5NOM
Decay rate: 1.08994e-03 rev/day^2 NASA Johnson Space Center
Epoch rev: 86
Checksum: 345

Submitted by Frank H. Bauer for the SAREX Working Group

/EX

End of Info-Hams Digest V93 #1264
